

- 20 -

**CLAIMS:**

1. A temporary fence including a barrier assembly, the barrier assembly including: one or more posts; one or more fence panels associated with respective posts and mounted thereon; one or more anchors for anchoring the or each post; the or each anchor including a first anchor element and a second anchor element and a cleft disposed between each anchor element when assembled.
2. A temporary fence in accordance with claim 1 wherein a silt barrier is provided, which is operatively connectable to the barrier assembly so that the silt barrier when installed extends generally parallel with the fence panels.
3. A temporary fence in accordance with claim 1 or 2 wherein the cleft extends generally parallel with the fence panels when installed, such that some portions of the silt barrier are disposed at least partially within the cleft of the anchor when installed.
4. A temporary fence in accordance with any previous claim wherein the cleft is disposed generally vertically when the fence is assembled, and the cleft is provided generally transversely across the entire depth of the anchor, between the first piece and the second piece.
5. A temporary fence in accordance with any previous claim wherein the first and second anchor elements are similar to one another in size construction and materials.
6. A temporary fence in accordance with any previous claim wherein the first and second anchor elements are both blocks.
7. A temporary fence in accordance with claim 6 wherein the blocks are constructed from concrete.

- 21 -

8. A temporary fence in accordance with claim 6 or 7 wherein the or each block is a generally rectangular prism having a longitudinal axis which in use is disposed in generally perpendicular to a plane defined by the fence panels when installed, so as to provide stability from push over or lateral forces.
9. A temporary fence in accordance with any one of claims 6-8 wherein the or each block includes apertures for receiving base portions of respective posts.
10. A temporary fence in accordance with any one of claims 6-9 wherein support for the post is provided by internal walls of the apertures.
11. A temporary fence in accordance with any one of claims 6-10 wherein the apertures are through apertures which extend from an upper face of the or each block to a base face of the or each block when installed upright.
12. A temporary fence in accordance with any previous claim wherein coupling means may be provided to couple two blocks together, so that the posts may access a doubling of anchor mass.
13. A temporary fence in accordance with claim 12 wherein the coupling means is provided by an aperture, which is fully formed from two depressions in corresponding faces of the anchor when two pieces of a anchor assembly are brought together and the corresponding faces abut one another.
14. A temporary fence in accordance with claim 13 wherein each face incorporates a hollow in the form of a half cylinder being cut along a longitudinal axis of the anchor element.

- 22 -

15. A temporary fence in accordance with any previous claim wherein the half cylindrical aperture is made whole when the face is mated at a mating wall with another anchor block with corresponding recesses therein.
16. A temporary fence in accordance with claim 15 wherein the apertures are located along the mating wall, adjacent an end thereof, so as to allow the post and block to resist push over in one of the longitudinal directions.
17. A temporary fence in accordance with any previous claim wherein the second anchor element is in the form of a plate which has a longitudinal axis which when installed extends perpendicular to the fence panels to provide extra stability.
18. A temporary fence in accordance with any previous claim wherein the or each plate also includes one or more post receiving apertures, each of which support the posts in a generally upright orientation when assembled therein.
19. A temporary fence in accordance with any previous claim wherein the posts may be mounted on a spigot, protrusion or boss extending from an anchor piece of smaller external diameter than the internal diameter of the post.
20. A temporary fence in accordance with any previous claim wherein a base portion of the silt barrier is placed in a trench dug into the ground, and the trench being subsequently filled.
21. A temporary fence in accordance with any previous claim wherein in situations where digging a trench is not possible or not economically viable, such as on concrete or rock beds, concrete or mortar is poured to anchor the base portion of the silt barrier downwards.

- 23 -

22. A temporary fence in accordance with any previous claim wherein a restriction assembly is provided to restrict the gap between the ground and a base portion of the fence panel.
23. A temporary fence in accordance with any previous claim wherein the assembly includes a bracket and a post, laid horizontally and operatively connected to a base portion of the fence panel to engage a sandbag and the silt barrier simultaneously.
24. A temporary fence in accordance with claim 23 wherein the bracket pivots to encourage downward pressure onto the silt barrier and the ground, when under pressure from silt.
25. A temporary fence in accordance with any previous claim wherein two posts support each fence panel.
26. A temporary fence in accordance with any previous claim wherein two panels are mounted to each post.
27. A temporary fence which includes a barrier assembly including one or more posts and one or more fence elements mounted thereon; an anchor including a first post mounting for receiving a post of a first fence and a second post mounting for receiving a post of a second fence, the post mountings being spaced apart from one another.
28. A temporary fence in accordance with claim 27 wherein the first fence is in the form of a barrier fence and the second fence is in the form of a silt fence.
29. A temporary fence in accordance with claim 27 or 28 wherein the post mountings are arranged so that when the fences are erected they extend generally parallel to one another.

- 24 -

30. A temporary fence in accordance with claim 27 or 28 or 29 wherein the second post mounting is for use with a silt fence and disposed adjacent a side of the anchor so that the fence can extend into the earth upon which the fence is erected.
31. A temporary fence in accordance with any one of claims 27-30 wherein the second post mounting is spaced from the first post mounting in a direction perpendicular from a fence plane.
32. A temporary fence in accordance with any one of claims 27-32 wherein the anchor is in the form of a block formed from any suitable material such as concrete, timber, plastics and the like.
33. A temporary fence in accordance with any one of claims 27-32 wherein the post mounting for the first fence is in the form of an aperture extending into the anchor from an upper surface thereof.
34. A temporary fence in accordance with any one of claims 27-33 wherein the post mounting for the second fence is in the form of a keyed slot in the block which is adapted to cooperate with a complimentary shaped lower portion of the post for the second fence.
35. A temporary fence in accordance with any one of claims 27-34 wherein the keyed slot is square, rectangular, round or T-shaped.
36. A temporary fence in accordance with any one of claims 27-35 wherein the anchor includes mounting lugs thereon which cooperate with lugs on the post of the second fence so that the anchor and second post can clip together.
37. A temporary fence which includes: an anchor including a first post mounting for receiving a post of a first fence; a mounting bracket for receiving an upper portion of a second fence, the mounting bracket being connected to or integral with the post

- 25 -

of the first fence; and attachment means for attaching the upper portion, the attachment means disposed at a distal end of the mounting bracket, the distal end being spaced sufficiently from the post so that when assembled, the upper portion is disposed generally vertically above a base portion of the second fence.

38. A temporary fence in accordance with claim 37 wherein the first fence is in the form of a barrier fence and the second fence is in the form of a silt fence.
39. A temporary fence in accordance with claim 37 or 38 wherein the mountings are arranged so that when the fences are erected they extend generally parallel to one another.
40. A temporary fence in accordance with any one of claims 37-39 wherein the barrier fence includes a plurality of fence panels, each having a pair of posts, supporting an infill panel of wire mesh, suitable for inhibiting access to an area.
41. A temporary fence in accordance with any one of claims 37-40 wherein the silt fence is in the form of a geotextile fabric, having a belt sewn into the top of the fabric for strengthening or for connection to attachment means.
42. A temporary fence in accordance with any one of claims 37-41 wherein the mounting bracket mounts the silt fence, the attachment means is disposed relative to an edge of the anchor such that the silt fence can extend into the earth upon which the fence is erected.
43. A temporary fence in accordance with any one of claims 37-42 wherein the mounting bracket is a cylindrical, conical, trapezoidal or triangular shape, tapering downwards toward the attachment means in order to provide increased moment resistance at an interface between the mounting bracket and the post for the first fence.

- 26 -

44. A temporary fence in accordance with any one of claims 37-43 wherein the anchor is in the form of a block formed from concrete, timber, plastics and the like.
45. A temporary fence in accordance with any one of claims 37-44 wherein the post mounting for the first fence is an aperture extending into the block from an upper surface thereof.
46. A fence mounting device for mounting a fence to a fence post, the device including a main body which is mountable to the fence post and an attachment on the main body to which the fence can be releasably secured.
47. A fence mounting device in accordance with claim 46 wherein the main body includes an end cap which is adapted to be fitted over a top end portion of the fence post.
48. A fence mounting device in accordance with claim 46 or 47 wherein the end cap includes a cap body having a hollow section therein for receiving the top end portion of the fence post.
49. A fence mounting device in accordance with any one of claims 46-48 wherein the cap body includes a dome shaped upper portion with a skirt extending downwardly therefrom.
50. A fence mounting device in accordance with any one of claims 46-49 wherein the attachment is in the form of one or more cleats secured to or integral with the skirt of the cap body.
51. A fence mounting device in accordance with any one of claims 46-50 wherein the fence mounting device supports a silt fence which is constructed from a fine mesh material.

- 27 -

52. A fence mounting device in accordance with claim 51 wherein the material includes eyelets which can be placed over the cleat elements to retain it in position on the mounting device.
53. A fence mounting device in accordance with any one of claims 46-52 wherein a belt is sewn into a hem in the top of the barrier, the hem having slots through which the belt may be withdrawn to fasten the belt to the cleats.
54. A fence mounting device in accordance with any one of claims 46-53 wherein the mounting device is mounted to fence posts of the type commonly referred to as star posts, having an elongated body with a plurality of radially extending flanges angularly disposed with respect to one another, the flanges extending the length of the post, and extending generally radially from a central axis of the post body.
55. A fence mounting device in accordance with any one of claims 46-54 wherein the fence mounting device includes tensioning means for tensioning the upper position of the silt fence so that, upon tensioning the silt fence by rotating the mounting device with the upper portion, the silt fence maybe held more tightly against the posts, at least in the region of the upper portion.
56. A fence mounting device in accordance with claim 56 wherein the tensioning means is a ratchet so that the main body does not need to be removed from the post in order to tension the upper portion.
57. A fence mounting device in accordance with claim 55 or 56 wherein the ratchet is in the form of one or more angled teeth which are moulded into the internal walls of the main body and projecting into the hollow section therefrom.
58. A fence mounting device in accordance with any one of claims 55-57 wherein the teeth are arranged such that when the main body is rotated in a tightening direction, the teeth are forced flat against the internal walls of the main body by the edges or



- 28 -

the walls of the post, and when the tension of the belt or fence causes the main body to rotate in a loosening direction, the teeth are forced into an open locking position, extending further into the hollow section by the walls or edges of the post, inhibiting rotation of the main body relative to the post.

59. A fence mounting device in accordance with any one of claims 55-58 wherein another embodiment of tensioning means includes a socket in the form of a plurality of locking recesses within the main body hollow section which correspond to respective edge formations on the post when assembled.
60. A fence mounting device in accordance with claim 59 wherein a socket of eight recesses is provided at the inner walls of the hollow section.
61. A fence mounting device in accordance with claim 60 wherein every second recess receives a respective corner of a square post when the cap is mounted on the post.
62. A fence mounting device in accordance with any one of claims 55-61 wherein the end cap draws the belt from its hem, thus tightening the upper edge of the silt fence.
63. A fence mounting device in accordance with any one of claims 46-62 wherein locking recesses are defined by spaced, tapering dividers extending from inner skirt walls so as to lock several sizes of star picket and square posts.
64. A fence mounting device in accordance with any one of claims 46-63 wherein the attachment includes a flange spaced from the skirt wall by a boss so as to improve retention of a belt behind the flange.
65. A fence mounting device in accordance with any one of claims 46-64 wherein the skirt includes one or more recesses for receiving a belt so as to improve and simplify smooth running and tying of the belt around the attachment means.

- 29 -

- 66. A fence mounting device in accordance with claim 65 wherein the recesses are one or more cut outs adjacent the attachment means, the cut outs at the base of the skirt.
- 67. A fence mounting device in accordance with any one of claims 64-66 wherein the flange includes one or more cut outs at its base to aid smooth tying of belt or and cleat.
- 68. A fence mounting device in accordance with any one of claims 46-67 wherein ribs are provided to support edges of posts received by the main body and to promote tight fit of cap on post.
- 69. A fence mounting device in accordance with any one of claims 46-68 wherein dividers taper inwardly in order that smaller posts are supported deeper within the cap body.
- 70. A fence mounting device for mounting a fence to a post, the fence mounting device including: a releasable clamp attachable to a post so that at least a portion of the fence may be received in the clamp and releasably retained adjacent the post.
- 71. A fence mounting device according to claim 70 wherein the releasable clamp includes two detachable parts.
- 72. A fence mounting device in accordance with claim 71 wherein a first part is a receiver and the second part is a key which mates with the receiver.
- 73. A fence mounting device in accordance with claim 72 wherein the receiver is mountable to the post.
- 74. A fence mounting device in accordance with claim 72 or 73 wherein the receiver includes a receiving void between spaced-apart walls for receiving a fence therein.

- 30 -

75. A fence mounting device in accordance with claim 74 wherein a pair of the spaced-apart walls taper towards one another.
76. A fence mounting device in accordance with claim 75 wherein the taper is towards a front face when the receiver is installed on the post.
77. A fence mounting device in accordance with claim 74 wherein the void is enclosed by three spaced-apart walls, to define an open face to reduce mass and allow ease of assembly of fence.
78. A fence mounting device in accordance with any one of claims 74-77 wherein the key includes a main key body for inserting into the receiver, and when assembled, the fence is laid in the receiver, and the main key body is disposed parallel with a main longitudinal axis of the receiver, so the main key body abuts at least some of the spaced-apart walls of the receiver in order to clamp the fence to the post.
79. A fence mounting device in accordance with any one of claims 71-78 wherein the key corresponds in cross-section to the receiver, although slightly smaller in size to allow for the fence to be lodged within a play space between key and receiver.
80. A fence mounting device in accordance with any one of claims 70-79 wherein the fence is a textile fence, in the form of a silt barrier.
81. A fence mounting device in accordance with any one of claims 72-80 wherein the key is provided with a depth stop.
82. A fence mounting device in accordance with any one of claims 72-81 wherein the key is inserted from an open end above the receiver when mounted on a post.
83. A temporary fence substantially as hereinbefore described with reference to the

- 31 -

accompanying drawings.

84. A fence mounting device substantially as hereinbefore described with reference to the accompanying drawings.

DATED this 19<sup>th</sup> day of March 2005.